

FIG. 1

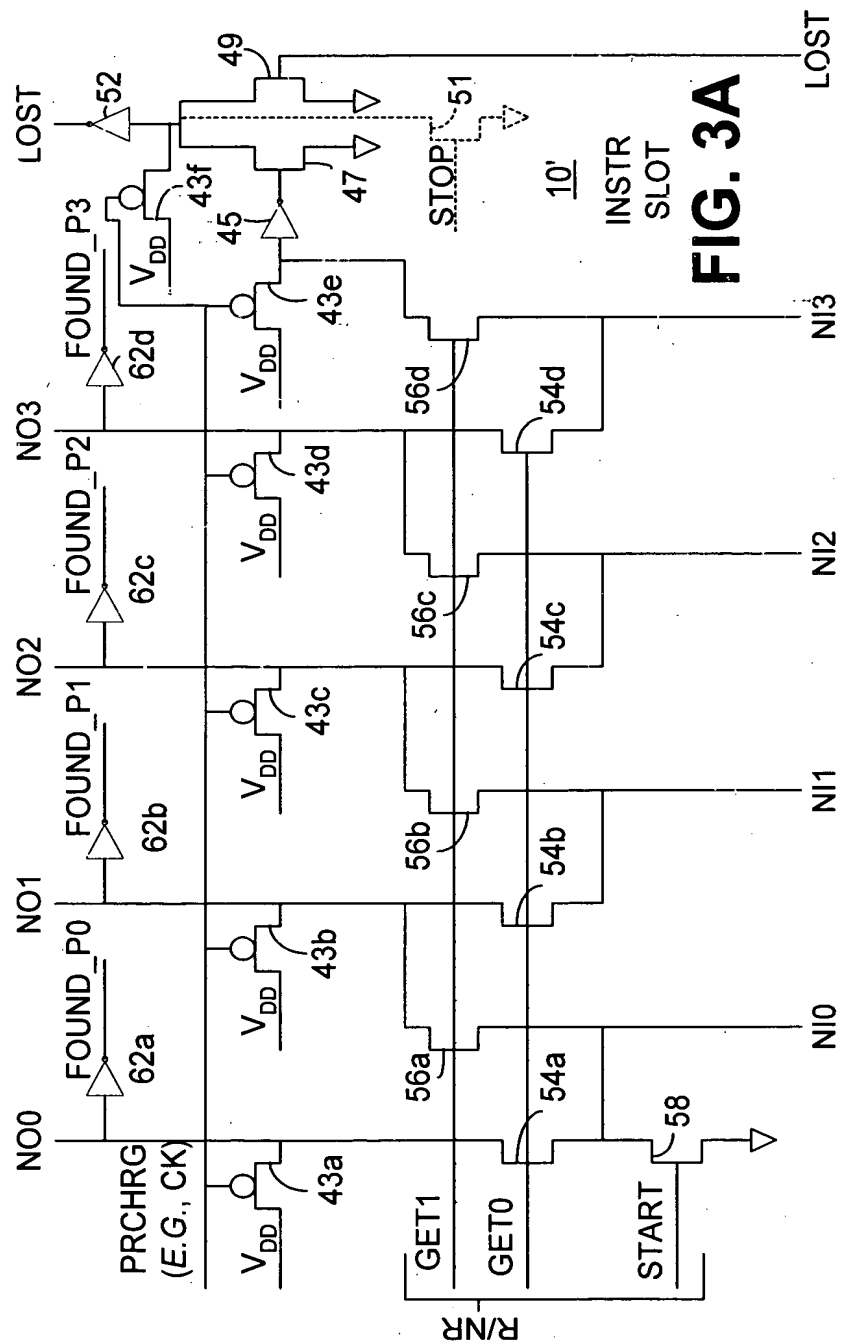


FIG. 3B

INSTR SLOT	STAT	NO	NO1	NO2	NO3	L	LAUNCH OR NOT?
7	R	0	0	0	0	1	NO
6	R	0	0	0	0	1	YES, TO P3
5	R	0	0	0	1	0	YES, TO P2
4	NR	0	0	1	0	0	NO
3	R	0	0	1	0	0	YES, TO P1
2	NR	0	1	0	0	0	NO
1	R	0	1	0	0	0	YES, TO P0
0	NR	1	0	0	0	0	NO

FIG. 4